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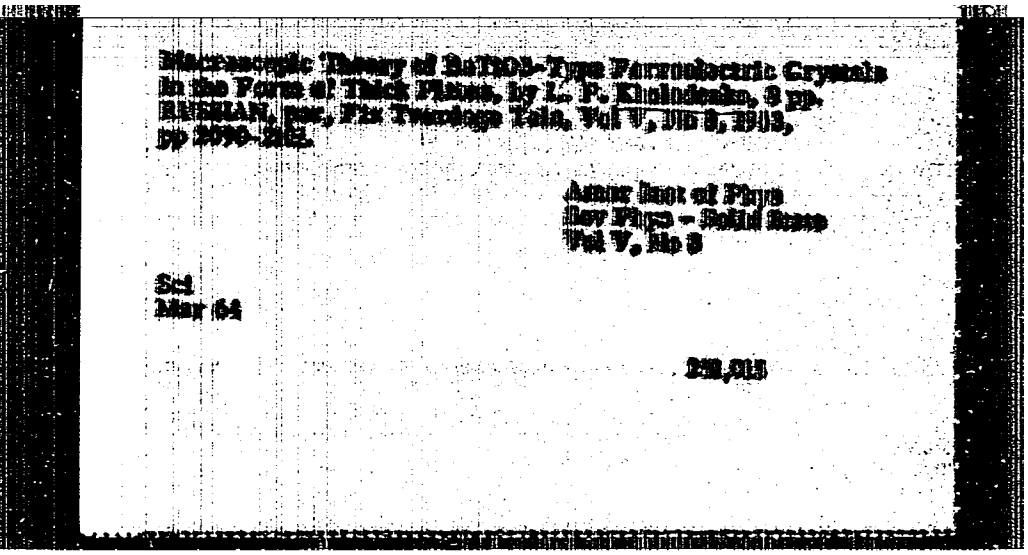

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DESCRIPTORS: *Soils, Gases, *Organic compounds, *Nutrition, Physiology, *Plants, Growth, Microorganisms, Adsorption.

A series of experiments were carried out over a period of two years to find out if the soil atmosphere contain organic substances suitable for feeding the roots and, if so, the influence they have on the activity of this organ in higher plants. When the atmosphere in the soil contains nutrient organic materials, the
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DESCRIPTORS: *Lubricants, *Oils, *Solvent extraction, Solvents, Distillation.

(Materials--Lubricants, TT, v. 11, no. 3)

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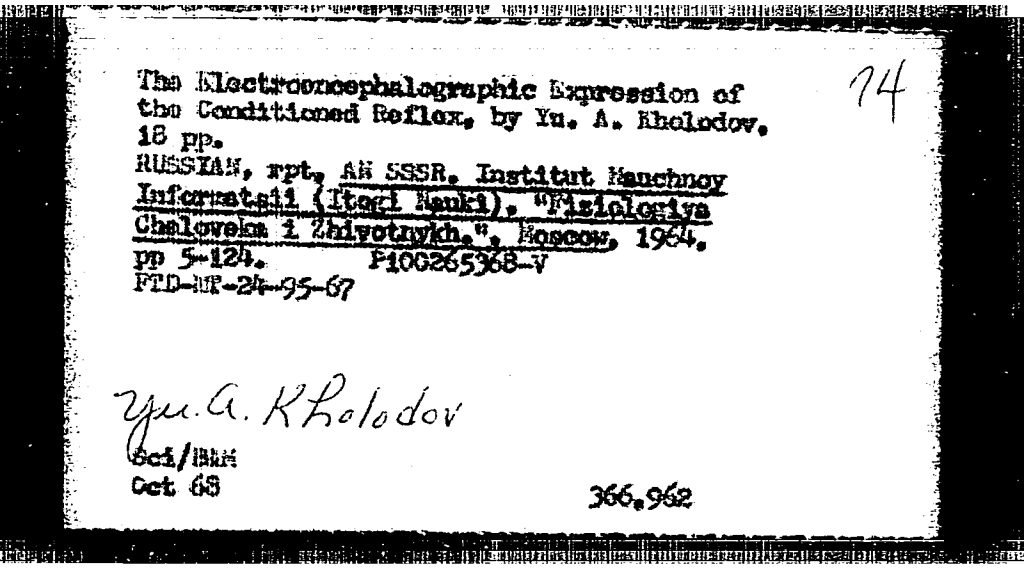

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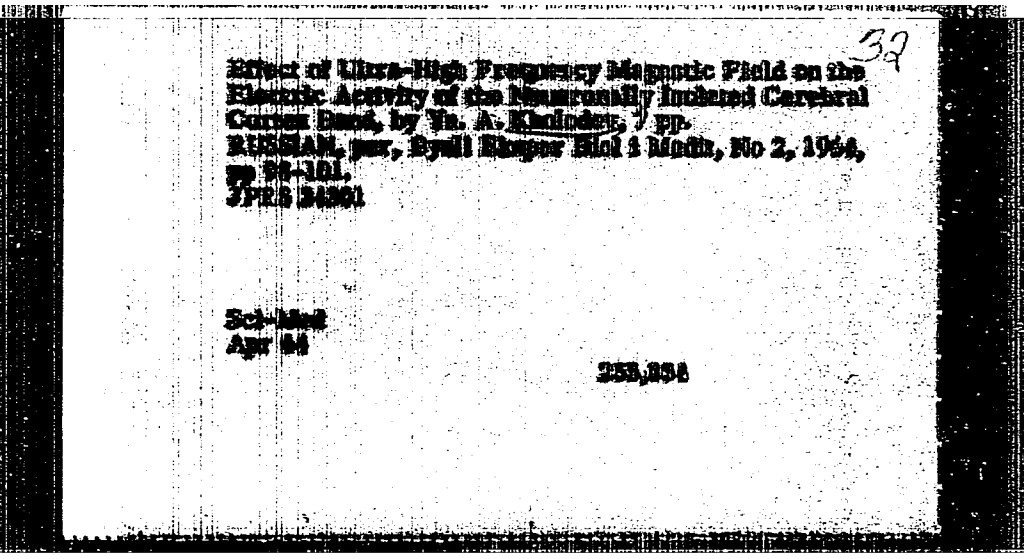

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DESCRIPTORS: *Fishes, *Conditioned reflex, Ecology, Magnetic fields, Solenoids, *Marine biology, Biological laboratories, Tests

The object of the study was to clarify the possible effect of a constant magnetic field on conditioned reflexes in fish. The experiments were performed on threespine sticklebacks, flounder, and fourhorn sculpins. These fish were selected because they were small enough to insert in the solenoid used to set up the relatively

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Scientific - Engineering, physics, tubes, steam pressure

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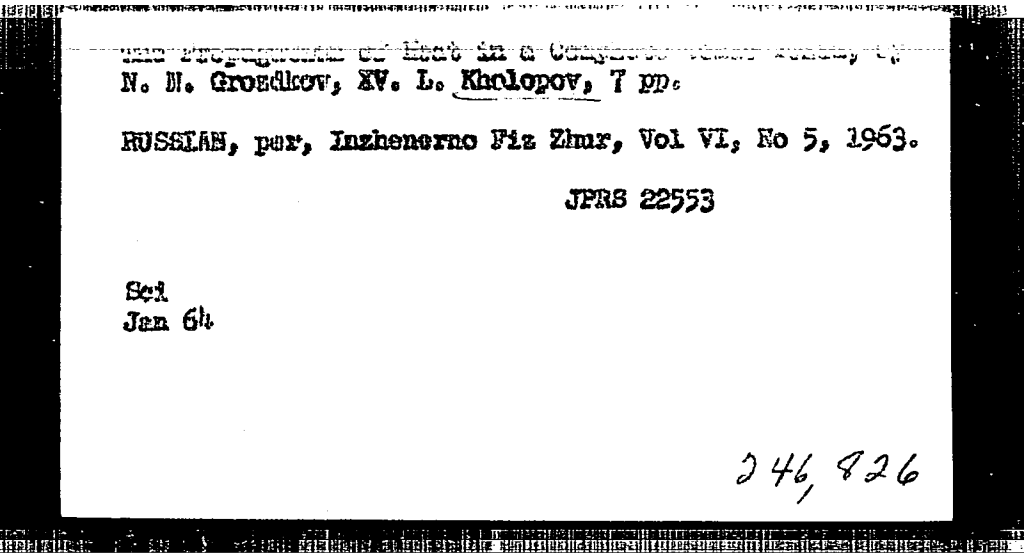

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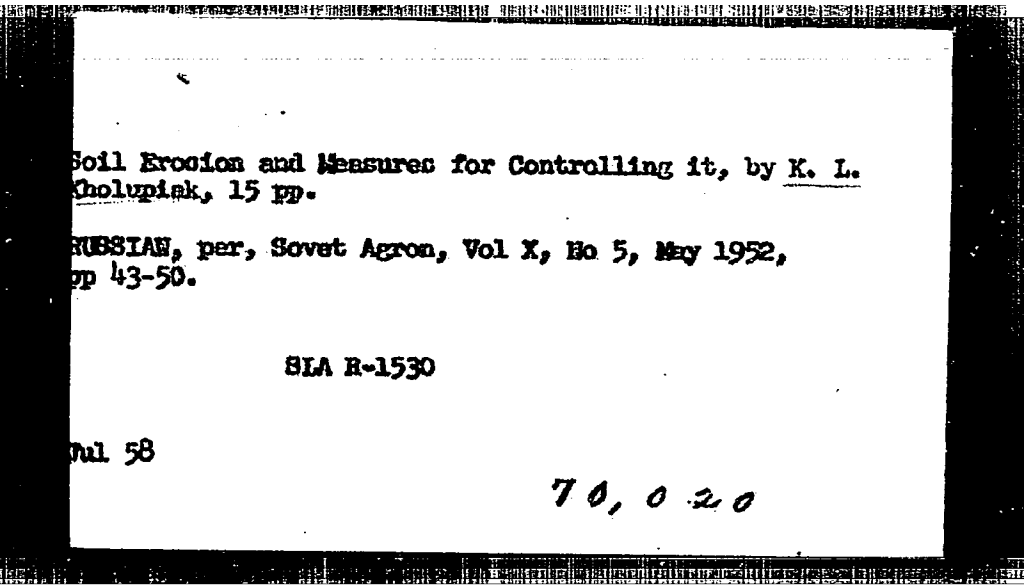

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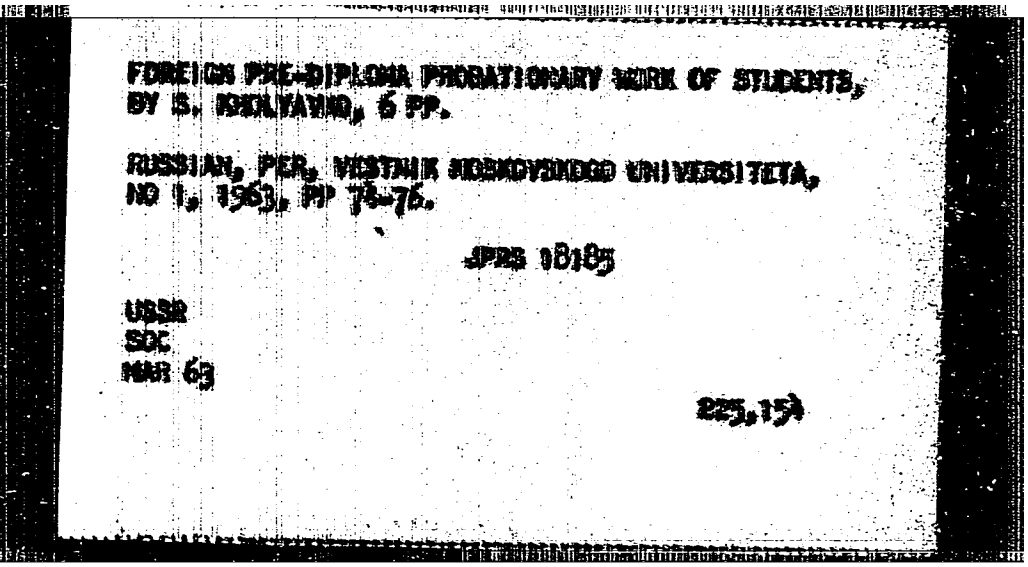

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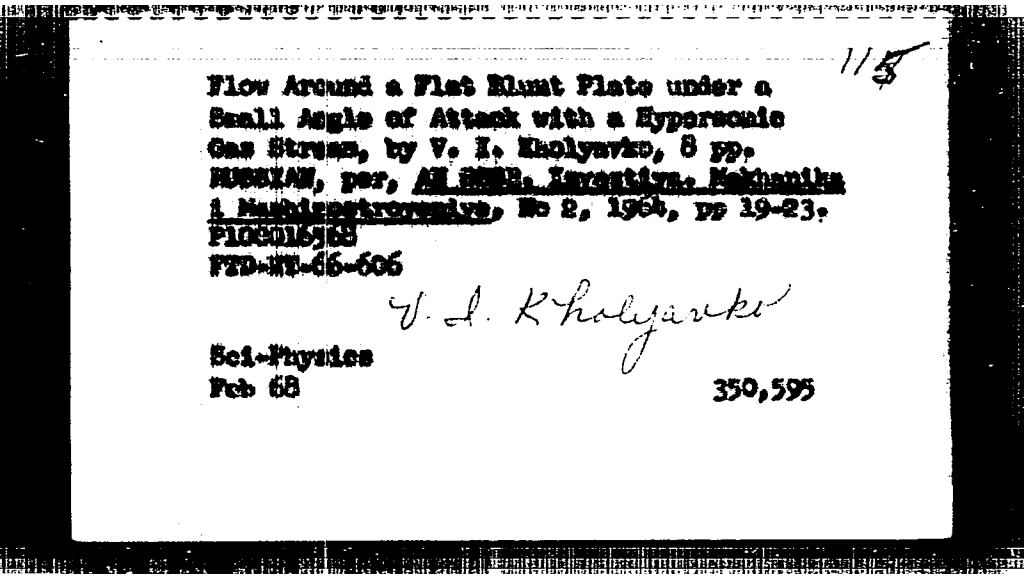

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